Contents	Reference to last Measureme
7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262562

Serial No. Final Bill

Name of Work ..... From ..... To .....

Name of Contractor of nature of Agency ..... Sri. B. Chandrashekar, Tindlu Bore-97

Date of commencement of work ..... D.O.R:

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Name of work: Drilling of Borewell Providing and Installing Pump motor and other allied works at Hmj layout, Tindlu Vidyaranyapura area in ward No. 09 Vidyaranyapur sub-Division,						
Est cost Rs: 35.00 lakhs.						
NB page No: 004-20-000085						
Head of A/C: P 1502						
Work order No: BBMP/CE/EEP/WO/ SH/2020-21 Dt: 20/08/2020.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item no.1)	Geophysical investigation of site for sinking Borewell for supply of drinking water to the habitation either through the hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Wenner or Schlumberger method including reconnaissance survey etc--- Quantity vide EMB P.no:	4	Each BW				
	@Rate Rs: 3444.78/EachBW						= 13791.00/-
Item no2)	sinking Borewell of 165mm dia down using Super-fast hydraulic rig, of capacity 450PSI & and above CFM and above in all Strata including hard Bursts upto 40 mtrs of casing pipe etc. Quantity vide EMB P.no:	200	RMT				
	@Rate	Rs:	317.50/Rmt	=			63500.00

OOK

Depth 6	Contents 7	Reference to last Measureme 8
	Borewell for supply;	
	the hand pump,	
	by adopting Venturi	
	ance survey etc---	
	= 13291.00/-	
	Super-fast hydraulic	
	ral alone in all	
	ss of casing pipe etc.	
2.17.50/Rmt	= 63500.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262563

Serial No .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
51 to 100 Mtr						
Boring vide E MB P.No:	200 Rmt					
@ Rate Rs:	404.43/Rmt				=	80886.00/-
101 to 150 Mtr						
Boring vide E MB P.No:	200 Rmt					
@ Rate Rs:	417.24/Rmt				=	83448.00/-
151 to 200 Mtr						
Boring vide E MB P.No:	200 Rmt					
@ Rs:	490.44/Rmt				=	98088.00/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
item 6)	200 to 250 mtr						
	Quantity vide EMB P.No :		200 Rmt				
	@ Rs: 580.11/Rmt					=	116022.00/-
item 7)	250 to 300 mtr						
	Quantity vide EMB P.No :		200 Rmt				
	@ Rs: 640.50/Rmt					=	128100.00/-
item 8)	300 to 350 mtr						
	Quantity vide EMB P.No :		200 Rmt				
	@ Rs: 754.88/Rmt					=	150976.00/-

Contents	Reference to last Measureme
7	8
=	116022.00/-
=	125100.00/-
=	150976.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262564

Serial No .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Supply of ISI mark 175mm nominal bore, plain end steel casing pipe-grade of steel free from defects of wall thickness 5.4mm thick confirming to IS 4270:2000 (latest amendments, Electric resistance welded steel tube matrix etc.-						
Quantity vide E MB P.No:		300.00 Rmt				
@ Rs: 1262.70/ Rmt					=	378810.00/-
Providing 250mm dia PVC Pipe 6kg/cm etc.-						
Quantity vide E MB P.No:		72.00 Rmt				
@ Rs: 1006.50/ Rmt					=	72468.00/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item (i)	Providing and fixing Borewell cap and clamp Set etc--- Quantity vide E MB P.No:		4 Sets				
	@ Rate: Rs: 1647.00/Set					=	6588.00/-
Item (ii)	Supply and delivery at site brand new 4in mono/innovap/lubi/sabbar/Ataveera/Calamp/make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump closed etc-- Quantity vide E MB P.No:		4 Nos				
	@ Rate Rs: 58130.67/Nos					=	232402.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262565

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
CI pipe 500mm (B) class etc—						
Supplying & laying CMB P.No:		1400m				
@ Rate Rs: 379.00/m					=	531600.00/-
Heavy Duty collar 500mm dia etc—						
Supplying & laying CMB P.No:		236 Nos				
@ Rate Rs: 164.00/Nos					=	38669.00/-
Providing non-return valve 500mm etc—						
Supplying & laying CMB P.No	=	4 Nos				
@ Rs: 1647.00/No					=	6588.00/-

Contents	Reference to last Measurement
7	8
etc—	
	= 6588.00/-
Nos	= 232403.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
item 16)	Providing gate valve 50mm etc --						
	Quantity vide C MB P.No :		12 Nos				
	@ Rate Rs: 1647.00					=	118584.00
item 17)	supplying and fixing MS door panel upto 15 MP etc --						
	Quantity vide C MB P.No :		4 Nos				
	@ Rate Rs: 14182.50/Nos					=	56730.00
item 18)	Submersible cable 1x3x6.0 Sq mm etc --						
	Quantity vide C MB P.No:		2500 m				
	@ Rate Rs: 134.76/m					=	337306.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262566

Name of Work .....
Name of Contractor of nature of Agency ..... From ..... To .....
Date of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
2	Number 3	Length 4	Breadth 5	Depth 6	7	8
Lump sum charges for erection as new/repaired submersible pumpset along with GI pipe (50/50 mm) cable (new submersible pumpset) etc—						
Providing and fixing 20" x 20" x 2.5" prism of wood board made of not less than 19 mm thick Planks on both sides with planks etc— vide EMB P. NO: 216/1 each @ Rate: 80.50/1 each					=	17390.00
Providing and fixing 20" x 20" x 2.5" prism of wood board made of not less than 19 mm thick Planks on both sides with planks etc— vide EMB P. NO: 4 Each @ Rate Rs. 467.18/Each					=	1869.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 01)	Supplying of 1.1kV LT UG cable having aluminium conductor PVC insulated extruded inner sheated galvanised steel strup etc.—						
	Quantity vide C MB P.NO: 1140.00 MTS						
	@ Rs: 137.25/MTS					=	19815.00/-
Item 02)	Labour charges for laying of 1.1kV class UG cable in existing trench GI PIPE etc.—						
	Quantity vide C MB P.NO: 1140.00 MTS						
	@ Rs: 10.87/MTS					=	1580.00/-
Item 03)	Digging of trench of 0.6m dep x 0.30m wide etc—						
	Quty vide C MB P.NO: 120 MTS						
	@ Rs: 69.54/MTS					=	8345.00/-

OOK

Depth 6	Contents 7	Reference to last Measureme 8
...inum conductor PVC insulated		
...strip etc.—		
	=	1981.00/-
cable in existing		
	=	1500.00/-
...rove etc—		
69.54/MTR	=	8345.00/-

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262567

...of No. .....
...of Work ..... From..... To.....
...of Contractor of nature of Agency .....
...of commencement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
...ying and fixing of class A GI pipe of ... mm on Pole/Wall/Drain etc—						not MS Mary
Quantity vide E mB P.No: 14.00 MTR						
@ Rs: 306.50/MTR					=	4904.00/-
...ying and Fixing L.T. cast iron pot body suitable for 1.1kV ... UG cable fitted with necessary etc—						
Quantity vide E mB P.No: 4 ~~MTR~~ NOS						
@ Rs: 247.00/~~MTR~~ NOS					=	988.00/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item (a)	Supplying, fixing, wiring, earthing electrode for providing circuits i.c. circuits and other equipments on the meter board etc. —						
	Quantity vide E MB P.No: 4 Nos						
	@ Rs: 2744.93/Nos					=	10979.00
Item (g)	Supplying and fixing of PVC channel with cut out on existing wooden / panel using necessary nuts etc. —						
	Quantity vide E MB P.No: 94 Nos						
	@ Rs: 159.91/Nos					=	8801.00

Contents	Reference to last Measureme
7	8
...nuring conduits I.C. ...rated Etc —	
= 10979.00	
...ion cut out ...e. —	
= 3891.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262568

...t No. .....
...e of Work ..... From..... To.....
...e of Contractor of nature of Agency .....
...e of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve						
Quantity vide MB P.No: 11215						
@ Rate Rs: 1569.00/Nos =						6277.00/-
Providing supplying and mounting MS box mounted ... SPN for wall mounting, ... weather proof Etc —						
Quantity vide MB P.No: 93600.00/Sqcm						
@ Rs: 0.32/Sqcm =						29952.00/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
item 30	Earthwork excavation for pipe line trenches including supporting or bank up to a lead of 50 mts including shifting etc —						
	Quantity vide ⊖ MB P.No:	97.00 cum					
		@ Rs: 239.73/cum				= 23302.00	
item 31	Providing and installation at site of works P.V.C. pipe including cost of pipes and specials and including lowering into trench etc. —						
	Quantity vide ⊖ MB P.No:	270.00 RMT					
		@ Rs: 189.00/RMT				= 51138.00	

OK

Depth 6	Contents 7	Reference to last Measurement 8
) increasing depth by ...ering etc —		
...)		= 23302.00
...V.C. pipe increasing ...ering in to trench etc..		
...t		= 51138.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

...Bill No .....
...Name of Work ..... From..... To.....
...Name of Contractor of nature of Agency .....
...Date of commencement of work .....

262569

Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
...Earthing the foundations trenches using approved tools as per drawing ...nical specification in dry soil etc.— ...ordinary vide C.M.B. P.No: 32.00 / cum @ Rs: 2917.53 / cum					= 93439.00 / —	
...Excavating the basement and pipe line trenches upto required ...depth in ordinary soil for trench excavation including working etc.. ...quantities vide C.M.B. P.No: 65.16 / cum @ Rs: 94.24 / cum					= 6141.00 / —	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			SW - Total Amt			=	2619503.00
			GST @ 3%			=	358340.00
						=	43952.00
	Becom Deposite charges		Hmrs		10988.00		
			Grant Total Amt			=	30,01,798.00

Certificate:

1) Certified that the above work are satisfactory

2) No material issued from department.

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Contents	Reference to last Measurem
7	8
=	2619503.00
-	338340.00
=	43952.00
=	30,01,795.00

Executive Engineer
Sub Division
angalore - 97

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262570

Name of Work ..... From ..... To .....

Name of Contractor of nature of Agency .....

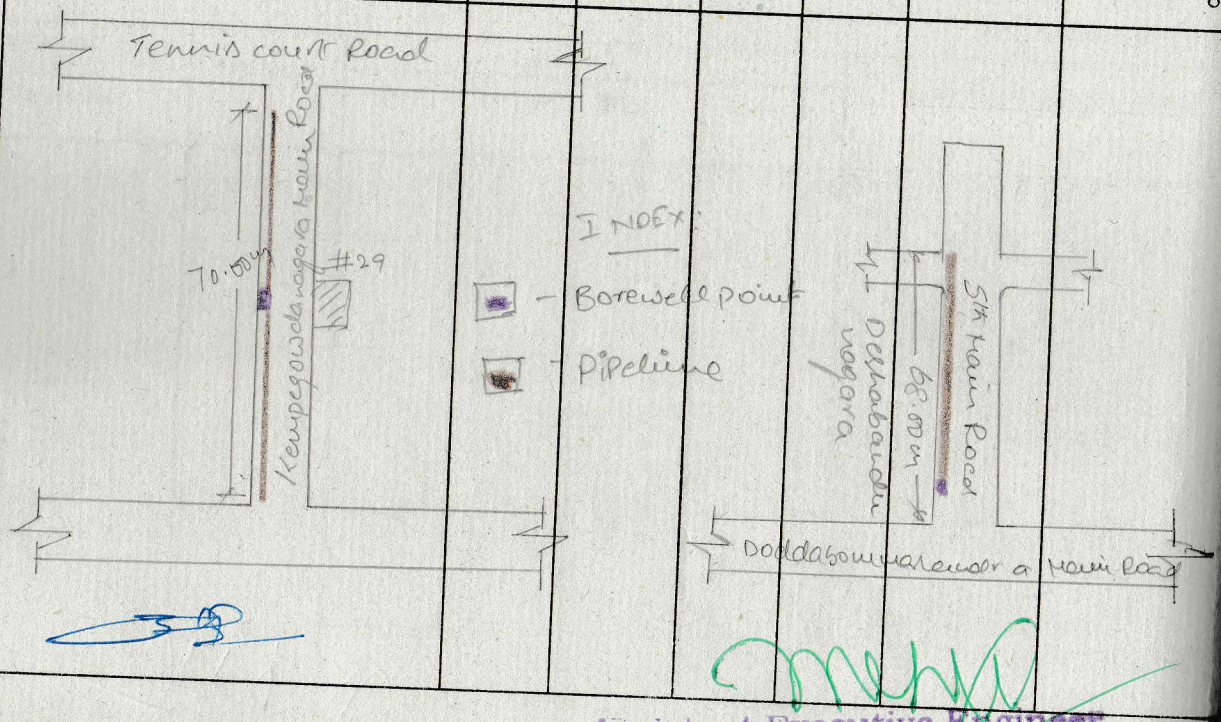
Date of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Contiwana Garden						
69.00m 1M cross 2M main Durga Layout						
68.00m						
2nd cross Godawari Street						
Anjaneya Swamy Temple Main Road						
INDEX: Borewell point						
Pipeline						

Assistant Executive Engineer
Contiwana Sub Division

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Assistant Executive Engineer
Vidyaranyapura Sub Division